IP Enterprise version 4.3.0.64 Release Notes

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IP Enterprise version 4.3.0.64 Release Notes

Continuing with Video Insight's commitment to iterative development and continuous product improvements version 4.3.0.64 is ready for use.

A. New Camera Integrations and Updates

Camera Mfg.	Models		Supported Features	Notes
Hitron	HDB-M120 HDB-T320 HDB-T310 HDB-T300 HDG-T320 HDG-T310 HDG-T300 HDG-M120 HDU-T320 HDU-T310 HDU-T300 HEB-2MP HEB-1MP	HEV-2MP HEV-1MP HEV-0118 HPC-BC1A HPC-BE5W HPC-GC1A HPC-GE5W HNA-P182 HNF-3H22 HNF3S36 HNG-P382 HNG-T282 HNV-3H22	H264 and JPEG WebClient Normal Speed JPEG support Audio Capture Motion Detection Set Resolution Set Compression Set FPS 1x DI Capture 1x DO Trigger Pan, Tilt, Zoom, Focus, Iris Preset Recall, Save, Delete Auto-Discovery	Cameras offer limited PTZ speed options.
AT Video Cameras	ATVIPB1MTI ATVIPB2MTI ATVIPC560TDN ATVIPC2MT ATVIPE1CH ATVIPFD600 ATVIPFD1TW	ATVIPFD2MT ATVIPSDMV22D1 ATVIPSD36D1T ATVIPVD1MT ATVIPVD2MT ATVIPVD2MTAF ATVIPVD2MTAW	H264 and JPEG WebClient Normal Speed JPEG support Audio Capture Motion Detection Set Resolution Set Compression Set FPS 1x DI Capture 1x DO Trigger Pan, Tilt, Zoom, Focus, Iris Preset Recall, Save, Delete Auto-Discovery	Cameras offer limited PTZ speed options.
Video Insight	VP-1 VP-8		Updated integration to include Resolution selection support: Highest = 4Cif High = 4Cif Normal = 2Cif Low = Cif	
ACTi	KMC-3211 KCM-3911		H264, MPEG4, JPEG Audio Capture Motion Detection Motion Window Show Clock Set Resolution Set Compression	KCM-3211 is a Zoom Camera KCM-3911 is a 360d Camera

			Set Codec Set FPS Flip Digital Input Capture Digital Output Trigger Auto Discovery Pan, Tilt, Zoom, Focus Preset Add, Delete, Recall	
CNB	All cameras		Updated features to include Auto Discovery capability	Refer to Supported Camera doc for all of the already supported features.
Sony	SNC-Z20		MJPEG Video Capture Motion Detection Set Resolution Set Compression Set FPS Flip 1x DI Capture 2x DO Trigger Optical Zoom Optical Focus Auto-Discovery	
Infinova	V1492MP-20G V1493MP V1772N-18G V6202-G00 V6204-G00 V6212-G02 V6812-G00 V6822-G00 V6921-G02	V1492MR-20G V1772N-10G V1772N-20G V6202-G02 V6204-G02 V6221-G02 V6812-G02 V6822-G02 V6941-G02	H264 Via RTSP MJPEG Via RTSP JPEG Audio Capture Resolution Configuration Bitrate Configuration FPS Configuration Pan/Tilt/Zoom/Focus/Iris Preset Recall, Set, Delete	
Video Insight	VE4HBL-4U Encoder		H264 Video Capture Audio Capture JPEG Capture for WebClient Set Resolution Set Compression Set FPS Flip Show Clock 4x DI Capture 4x DO Trigger Pan/Tilt/Zoom/Focus/Iris Preset Set, Recall	
Advidia	A-42		H264 Video Capture JPEG WebClient Audio Capture Show Clock Set Resolution Set Compression	Setting changes require a service restart.

		Set Clock 1x DI Capture 1x DO Trigger Auto Discovery	
Advidia	A-44 A-45	Updated Integration to include Resolution Configuration	Refer to Supported Camera doc for all of the already supported features.
Pelco	Sarix	Updated Event Triggers capability	
Pelco	IP110 IP3701	Updated Integration to include the following: MPEG4, JPEG Motion Detection Set Resolution Set Compression Set FPS 1x DI Capture 1x DO Trigger	Refer to Supported Camera doc for all of the already supported features.
Pelco	Spectra Mini IP Spectra IV IP	Updated Integration to include the following: MPEG4 and JPEG Video Capture Motion Detection Set Resolution Set Compression Set FPS 1x DI Capture 1x DO Trigger Pan/Tilt/Zoom/Focus/Iris Preset Set/Recall/Delete	

A full list can also be found on our web site:

http://www.video-insight.com/Support/Supported-Cameras.aspx

B. Sub Stream Support for Video Insight's VP 1, 8, and 16

Video Insight's VP series offers a sub stream for H.264. This is an excellent option when bandwidth and CPU power are a concern. This new feature will allow the user to add the VP 16 using channels 1-16 in Monitor Station for Live view using one stream of H.264 with lower FPS, and resolution and add channels 17-32 with a much higher FPS and resolution for recording purposes.

Adding the VP Encoder as suggested results in a smoother live view that will work best with a less-than-ideal environment for live view, while still providing great quality and highest resolution possible.

C. Improved Joystick Movements

Most joysticks are supported as a plug and play in our software and with the latest version also offer much better precision when used with PTZ cameras.

D. Globalization

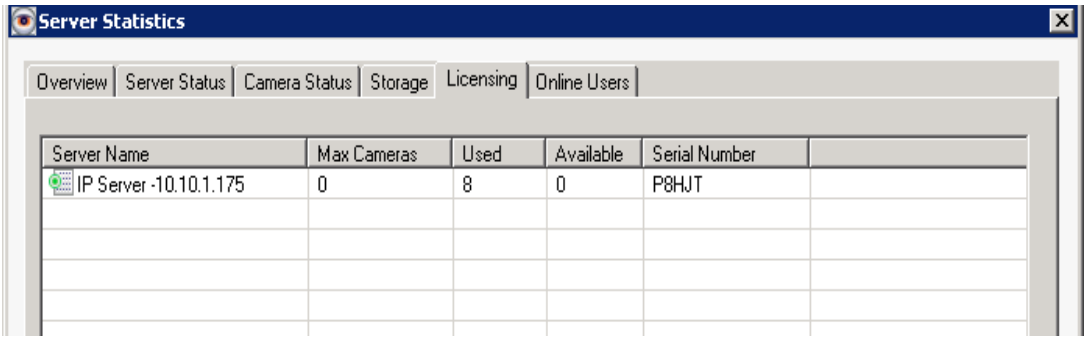
Added Time and Date support for our international customers using a multitude of languages.

E. Leap Year Support

Corrected an issue with a leap year date of February 29th that caused the Today folder to not appear in the Monitor Station's left tree view; the cameras and server continued recording as expected and the videos could still be accessed in both Web Client and the 30 second history option when retrieving history for a specific camera. Upgrading to the latest pass will show the Today folder properly.

F. Zero Licenses

Beginning with this release any new activation for Video Insight's popular VP series comprising of VP 1, VP8, and VP16 will show 0 licenses when viewing the license count in Server Statistics. A valid Serial key (5 digit alphanumeric code) or a 16 digit Activation Code is ***still*** required to activate the software.



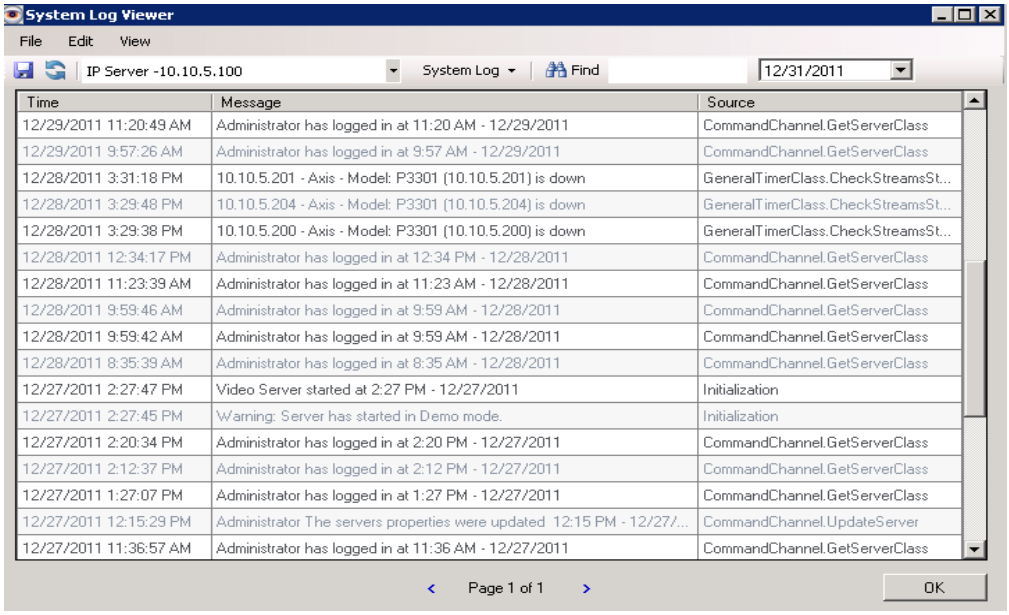
...System Log is more than just informational messages …

The System Log is an excellent way to identify user actions, server and camera messages as well as obtain any error logs which will aid in troubleshooting possible issues.

The System Log can be accessed from multiple areas of the application discussed throughout this manual, but the functionality and available actions are exactly the same.

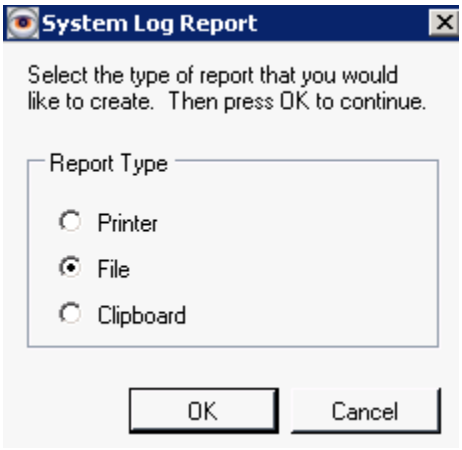
With Security on only Administrators may access and view the System Log

Launch the System Log


System Log Viewer
File Edit View
IP Server -10.10.5.100
System Log
Find
12/31/2011
Time | Message | Source
12/29/2011 11:20:49 AM | Administrator has logged in at 11:20 AM - 12/29/2011 | CommandChannel.GetServerClass
12/29/2011 9:57:26 AM | Administrator has logged in at 9:57 AM - 12/29/2011 | CommandChannel.GetServerClass
12/28/2011 3:31:18 PM | 10.10.5.201 - Axis - Model: P3301 (10.10.5.201) is down | GeneralTimerClass.CheckStreamsSt...
12/28/2011 3:29:48 PM | 10.10.5.204 - Axis - Model: P3301 (10.10.5.204) is down | GeneralTimerClass.CheckStreamsSt...
12/28/2011 3:29:38 PM | 10.10.5.200 - Axis - Model: P3301 (10.10.5.200) is down | GeneralTimerClass.CheckStreamsSt...
12/28/2011 12:34:17 PM | Administrator has logged in at 12:34 PM - 12/28/2011 | CommandChannel.GetServerClass
12/28/2011 11:23:39 AM | Administrator has logged in at 11:23 AM - 12/28/2011 | CommandChannel.GetServerClass
12/28/2011 9:59:46 AM | Administrator has logged in at 9:59 AM - 12/28/2011 | CommandChannel.GetServerClass
12/28/2011 9:59:42 AM | Administrator has logged in at 9:59 AM - 12/28/2011 | CommandChannel.GetServerClass
12/28/2011 8:35:39 AM | Administrator has logged in at 8:35 AM - 12/28/2011 | CommandChannel.GetServerClass
12/27/2011 2:27:47 PM | Video Server started at 2:27 PM - 12/27/2011 | Initialization
12/27/2011 2:27:45 PM | Warning: Server has started in Demo mode. | Initialization
12/27/2011 2:20:34 PM | Administrator has logged in at 2:20 PM - 12/27/2011 | CommandChannel.GetServerClass
12/27/2011 2:12:37 PM | Administrator has logged in at 2:12 PM - 12/27/2011 | CommandChannel.GetServerClass
12/27/2011 1:27:07 PM | Administrator has logged in at 1:27 PM - 12/27/2011 | CommandChannel.GetServerClass
12/27/2011 12:15:29 PM | Administrator The servers properties were updated 12:15 PM - 12/27/... | CommandChannel.UpdateServer
12/27/2011 11:36:57 AM | Administrator has logged in at 11:36 AM - 12/27/2011 | CommandChannel.GetServerClass
< Page 1 of 1 >
OK

Please Note: The number of pages available and is saved in the DB depends on the System Log setting in Server properties, Advanced tab, discussed in the comprehensive guide; the default is 30 days and the maximum is 1000 days.

= The Save icon is used to export the System Log list, once pressed, the following three options are available:



= The Refresh icon is used to refresh the list of system log items displayed

IP Server -10.10.5.100 = Use this dropdown to select the server of your choice. All servers added to the Monitor Station with a status of *Connected* will appear here. However, using the Diagnostics System Log all servers in a shared database will appear, regardless of their connection status.

System Log = Use this dropdown to select the type of log to view; the default is the system log. Use the dropdown to select Alarm Log to view Motion alarms and Access Control logs discussed in the next section found on page **Error! Bookmark not defined.** in the comprehensive guide.

= Use the text field next to this icon to Find a specific search string

12/31/2011 = use this calendar control to select the through date of the logs. For example, when 12/31/2011 is selected all logs available up until and including 12/31/2011 will be shown.

The compilation on the next page was added to aid in understanding a few common messages and how to mitigate them if needed.

System Log Entry			
Message	**Source**	**Explanation**	**Resolution**
Warning: Server has started in Demo mode.	Initialization	A reminder that this server is in Demo mode	Upgrade to a fully licensed version to avoid this message
Video Server started at 2:45 PM - 12/22/2011	Initialization	Message will appear each time the server is started whether manually or using Auto Restart	Informational message
Administrator has logged in at 2:45 PM - 12/22/2011	CommandChannel.GetServerClass	User logged in to Monitor Station	Informational message
Administrator The servers properties were updated 12:15 PM - 12/27/2011	CommandChannel.UpdateServer	Administrator happens to be the user (security is likely off) that updated server properties	Informational message
ErrCode: 0 -Fail to write file: c:\video\127.0.0.1-1963630245\12.31.2011\18h17m14s.avi	(10:0:8)	Camera failed to write to path listed	Check permissions: could be due to an invalid path, the folder may have been moved or rights to write to that folder have changed
Cannot delete folder:(c:\video\127.0.0.1-1794956641\12.22.2011)	GeneralTimer.CleanDrive()	Deletion routine is unable to delete the folder	A folder for one camera has many files spanning several weeks, if one of the files is currently being viewed or is locked for another reason the folder cannot be deleted. The server deletion routine will now revert to deleting one file at a time in this folder instead
Video Server Task: DIO-Alarm Log	Task Manager	This entry is due to a rule that was just triggered	Informational message
10.10.5.151 - Axis - Model: P3301 (10.10.5.151) is down	GeneralTimerClass.CheckStreamsStatus	Camera streaming is down	The server will continue to attempt to restore connection.
Could not find a part of the path 'c:\video\10.10.5.148-453894083'.	System.IO.__Error.WinIOError(20:0:1)	Was unable to find the path to write to.	Check the path and that the camera is indeed still added to the server with that Camera Unique

			ID
Restart Request	CommandChannel.RemoveCamera	A client has requested a server restart	The next time the IPSM is running it will process the request automatically
Video Server was shut down at 2:58 PM - 12/22/2011	Board.Close	The server was properly shutdown	Each time a server is stopped either manually or using Diagnostics this informational message will appear
10.10.5.212 - Hikvision - Model: Universal (10.10.5.212) is restored	GeneralTimerClass.CheckStreamsStatus	Camera connectivity is restored	The server was able to resume connection.
Object reference not set to an instance of an object.	Videoinsight.LIB.AccessControl_BlackBoard.CheckForNewEvents(200:0:45)	Access Control Blackboard is configured for specific cameras and constantly checks for new alarms. The camer can no longer be found, it was removed from the server.	Change the camera in Blaclboard or readd the original camera to the server.
No Security granted user JWhitcomb permission to map Facility Map (ID:1073740123) 10:57 AM - 12/31/2011	CommandChannel.UserUpdate	Security was off on this server when the JWhitcomb user was granted access to a Facility Map	Informational message
vicorp.videoinsight.net\swilliams has logged in at 6:39 PM - 12/31/2011	CommandChannel.GetServerClass	A user logged in with AD or LDAP and security was on	Informational message
vicorp.videoinsight.net\swilliams updated camera properties at 12/31/2011 2:29:22 PM : Camera login,	CommandChannel.UpdateCamera	Specific LDAP or AD user made changes to a camera	Informational message
vicorp.videoinsight.net\swilliams [GetUserGroupMembership]	LDAP Authentication	Prior to actually logging an AD/LDAP user login in the server authenticates the user against AD/LDAP	Informational message
Access to the path 'C:\Program Files\VI Enterprise\Enterprise Service\app\mycamera.bin' is denied.	System.IO.__Error.WinIOError(9:0:1)	The action performed at this time did not have the right access to write to that folder	Check the user logged in, they should have local admin rights
Login successful for User ID administrator User Address : ::1	WebClient	With security enabled Web Client users logins are also captured	Informational message
A New Camera was added at 12:41 PM - 12/2/2011	CommandChannel.AddNewCamera	User added a new camera tothis server	Informational message

Is there a feature you'd like to see implemented? Email us here:
http://www.questionpro.com/akira/TakeSurvey?id=1028953

Recommend an area or a feature for the Did You Know? Section to be covered in an upcoming issue:

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